WHAT IS CLAIMED IS:

1.   A method for protecting a data transmission using a plurality of standard code books where each of the code books encodes a standard portion of the data transmission, comprising:

scrambling at least one of codes among the code books or a correspondence between the code books and portions of the data transmission;

encoding data based on scrambled at least one of codes or code books; and

transmitting encoded data.

2.   The method of claim 1, wherein the scrambling step scrambles the standard codes so that a decoder of the standard codes may one of successfully decode the encoded data or cannot successfully decode the encoded data.

3.   The method of claim 1, wherein the scrambling step is performed based on scrambling information, the scrambling information being transmitted with the encoded data.

4.   The method of claim 1, wherein the standard code books are Huffman code books.

5.   A method for protecting a data transmission using one or more standard codes, comprising:

scrambling the standard codes according to scrambling information that is based on one or more of a fixed table or an algorithm;

encoding data based on scrambled standard codes; and

transmitting encoded data.

6.   The method of claim 5, wherein the algorithm is initialized with an initial value.

7.   The method of claim 6, wherein one or more of the fixed table, an identification of the algorithm or the initial value is either agreed upon between a transmitter and one or more intended receivers prior to transmission of the encoded data or transmitted with the encoded data.

8.   The method of claim 7, wherein one or more of the fixed table, the identification of the algorithm or the initial value is encrypted prior to transmission.

1   9.   The method of claim 7, wherein the transmitted data include in-stream

2   data that indicates a change of code book or code scrambling.

1   10.   The method of claim 5, wherein the standard codes are Huffman code

2   books.

1   11.   An apparatus that protects a data transmission using a plurality of standard

2   code books where each of the code books encodes a standard portion of the data

3   transmission, comprising:

4   a scrambler that scrambles at least one of codes among the code books or a

5   correspondence between the code books and portions of the data transmission;

6   an encoder coupled to the scrambler that encodes data based on scrambled

7   at least one of codes or code books; and

8   a transmitter that transmits encoded data.

1   12.   The apparatus of claim 11, wherein the scrambler scrambles standard

2   codes so that a decoder of the standard codes may one of successfully decode the encoded

3   data or cannot successfully decode the encoded data.

1   13.   The apparatus of claim 11, wherein the scrambler scrambles based on

2   scrambling information, the scrambling information being transmitted with the encoded

3   data.

1   14.   The apparatus of claim 11, wherein the standard code books are Huffman

2   code books.

1   15.   The apparatus of claim 13, wherein the scrambling information is based on

2   one or more of a fixed table or an algorithm.

1   16.   The apparatus of claim 15, wherein the algorithm is initialized with an

2   initial value.

1   17.   The apparatus of claim 16, wherein one or more of the fixed table, an

2   identification of the algorithm or the initial value is either agreed upon between a

3   transmitter and one or more intended receivers prior to transmission of the encoded data

4   or transmitted with the encoded data.

1   18.   The apparatus of claim 17, wherein one or more of the fixed table, the

2   identification of the algorithm or the initial value is encrypted prior to transmission.

1   19.   The apparatus of claim 17, wherein the transmitted data include in-stream

2   data that indicates a change of code book or code scrambling.

1   20.   The apparatus of claim 11, wherein the standard codes are Huffman code

2   books.